

Date: Thu, 7 Jul 94 18:38:15 PDT
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #760
To: Info-Hams

Info-Hams Digest Thu, 7 Jul 94 Volume 94 : Issue 760

Today's Topics:

 ARLD039 DX news
 Copying CW, and why it's friendlier than phone
 CW practice program for Sun4?
 Does CW as a pre-req REALLY Work?
 FD report NC7K 0B NV
 IPS Daily Report - 07 July 94
 Legal question
 Let's be Careful Out There!
 More Humorous Field Days
 QSL addresses - please help
 RF Feedback into Microphone.

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 07 Jul 1994 17:57:01 EDT
From: ihnp4.ucsd.edu!agate!cat.cis.Brown.EDU!noc.near.net!usenet.elf.com!rpi!
psinntp!arrl.org!usenet@network.ucsd.edu
Subject: ARLD039 DX news
To: info-hams@ucsd.edu

SB DX @ ARL \$ARLD039
ARLD039 DX news

ZCZC AE37
QST de W1AW
DX Bulletin 39 ARLD039

Date: 7 Jul 94 15:39:25 -0500

From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!ulowell!
woods.uml.edu!martinja@network.ucsd.edu
Subject: Copying CW, and why it's friendlier than phone
To: info-hams@ucsd.edu

In article <773527731.27snx@n2ayj.overleaf.com>, n2ayj@n2ayj.overleaf.com
(Stan Olochwoszcz N2AYJ) writes:
> In article <1994Jul6.121437.1@woods.uml.edu> martinja@woods.uml.edu writes:
>
>>Try this? QRT LID, NET HR DLY
>>
> Don't listen to 2m while traveling through NYC metro much, do you? :-)

Nope, not at all....considering I'm about 28 miles nw of Boston... 7&-D
I'm listening hard for that ducting though.

> I must concur that when "coded" consistently, CW QSOs can be very concise
> and friendly...
> I can't tell you how many times I've sent things like TU FER CALL UR 5NN HR
> IN NJ K and the response was "...--.." or worse...

He hehe he hee hee haw...know exactly what you are saying... There's also
the permanent silence after turning it back to the other operator....Like,
"Where did he go?.....uh...must be QSB or QRM, yeah that's it." Or that
little know but widely acclaimed phenomenon known as....tah dummmm....BANDSHIFT.

> (I KNOW it takes a while for a fist to develop; mine did, and I'm still not
> where I want to be. But, c'mon...)
>
> Having been the new guy on the air, I try to be patient and introduce these
> folks to shorthand, but it's frustrating. I don't see near as many newbies
> getting the personal attention in code I did when I first started. :-(
> (One such guide was N2XJ, who taught me how to get "a dozen decent dits"
> out of my bug; you've no idea how that helped my straight key fist.)

My cw mentor/Elmer was KQ5I, now AA4GZ. In 1981 we only lived three or four
miles from one another but 80 cw always saw "KA5MWD DE KQ5I" and response.
Then KA5MWD (me) would send, "PSE QRS QRS." And he would until and he'd
slowly creep up speed and make me sweat again. This went on at least until
I upgraded to Advanced in 1983. But in those QSOs not only did my speed go
up but so did my use of condensed text. I was an air traffic controller at
the time and that helped immensely. For the sake of expediency everything
written by hand is abbreviated. So, der u go om. Gld 2 hv met u es hpe bcnu
agn dwn log BT U wnt me send agn? Cnt cpy my cw? Im usng kybrd hr... :D

Me thinks lots of people don't want to take the time anymore to learn many ways to operate more efficiently. Not everyone mind you. But things have to come instantly anymore or it's not used. I won't get into it but you may know what I mean. &-D

Take care es 73

-jim- WK1V

> SixFlagsDisneyKing's GreatMagicDominionIsland BerryFarmGardensParkWorldLand."
>
Love it!!!! &-D
>

Date: Thu, 7 Jul 1994 20:19:06 GMT
From: ihnp4.ucsd.edu!dog.ee.lbl.gov!agate!howland.reston.ans.net!
europa.eng.gtefsd.com!newsxfer.itd.umich.edu!zip.eecs.umich.edu!umn.edu!sctc.com!
kohn@network.ucsd.edu
Subject: CW practice program for Sun4?
To: info-hams@ucsd.edu

Hi folks,

I'm trying to find a code-drill program for the Sun4 platform.
I've seen only PC and mac stuff so far..
(And no, the Mac emulator software here doesn't provide audio support.. :()

Any suggestions (ftp sites, etc) are welcomed.
Please e-mail to kohn@sctc.com . Thanks!

--

Dave Kohn KG0FK kohn@sctc.com Tel (612) 628-2836

Date: 07 Jul 1994 20:45:02 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!europa.eng.gtefsd.com!
news.umbc.edu!eff!news.duke.edu!godot.cc.duq.edu!newsfeed.pitt.edu!dsinc!
netnews.upenn.edu!netnews.upenn.edu!yee@network
Subject: Does CW as a pre-req REALLY Work?
To: info-hams@ucsd.edu

Mail to Jeff bounced so...

>That's why the entire VE system should be thrown out. Witness the
>current scam in L.A. We need an authoritative body to administer
>the exams. After all, do we as drivers administer driving exams?
>Do those who are aircraft pilots administer pilot license exams?

This sounds like the old system when people had to drive hours to get
to one of the few times a year the FCC offices were willing to give a
test.

There is no need to be so statist. Sure, giving the people the power
to administer tests has its warts but it certainly a darn sight better
than the alternative.

--

Medical Image Processing Group		73 de Conway Yee, N2JWQ
411 Blockley Hall		EMAIL : yee@mipg.upenn.edu
423 Guardian Drive		TELEPHONE : 1 (215) 662-6780
Philadelphia, PA 19104-6021 (USA)		FAX : 1 (215) 898-9145

Date: Thu, 7 Jul 1994 16:59:46 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!noc.near.net!usenet.elf.com!rpi!
psinntp!arrl.org!zlau@network.ucsd.edu
Subject: FD report NC7K 0B NV
To: info-hams@ucsd.edu

Tim Marek (tim.marek@megasystem.com) wrote:
: Had a interesting thought... If all VHF and Sat Qs dont count towards
: your total number of transmitters what category is a VHF only field day
: in? 0A, 0B, etc??? For FD I was VHF only from 8300 FT Virginia Peak
: here in DM09 near Reno, NV.

Your category is 1B. I didn't make any MF/HF/VHF/UHF FD contacts,
though I did give two people a new state/grid on two bands from
Soapstone mountain in CT. My first SHF FD.

Will be on in the VHF WPX contest was KH6CP/WW1 (might as well
give out rare prefix...) from FN33 (used to be a rare microwave
grid).

--

Zack Lau KH6CP/1 2 way QRP WAS
8 States on 10 GHz
Internet: zlau@arrl.org 10 grids on 2304 MHz

Date: Thu, 7 Jul 1994 23:27:34 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!isclient.merit.edu!
msuinfo!harbinger.cc.monash.edu.au!news.cs.su.oz.au!metro!ipso!
rwc@network.ucsd.edu
Subject: IPS Daily Report - 07 July 94
To: info-hams@ucsd.edu

SUBJ: IPS DAILY SOLAR AND GEOPHYSICAL REPORT
ISSUED AT 7/2330Z JULY 1994 BY IPS RADIO AND SPACE SERVICES
FROM THE REGIONAL WARNING CENTRE (RWC), SYDNEY.
SUMMARY FOR 7 JULY AND FORECAST UP TO 10 JULY

No IPS Disturbance Warning is current

1A. SOLAR SUMMARY

Activity: moderate

Flares	Max	Fadeout	Begin	End	Freq.	Sectors
M1/1N	1002UT	none				

Observed 10.7 cm flux/Equivalent Sunspot Number : 088/032

GOES satellite data for 6 July

Daily Proton Fluence >1 MeV: 2.7E+06

Daily Proton Fluence >10 MeV: 1.3E+04

Daily Electron Fluence >2 MeV: 1.7E+08

X-ray background: A4.8

Fluence (flux accumulation over 24hrs)/ cm²-ster-day.

1B. SOLAR FORECAST

	08 July	09 July	10 July
Activity	Low	Low	Low
Fadeouts	None expected	None expected	None expected

Forecast 10.7 cm flux/Equivalent Sunspot Number : 088/032

1C. SOLAR COMMENT

None.

2A. MAGNETIC SUMMARY

Geomagnetic field at Learmonth: unsettled to active

Estimated Indices :	A	K	Observed A Index 6 July
Learmonth	13	2333 4232	
Fredericksburg	15		15
Planetary	15		11

Observed Kp for 6 July: 2233 2234

2B. MAGNETIC FORECAST

DATE	Ap	CONDITIONS
08 Jul	15	Unsettled.
09 Jul	13	Quiet to unsettled.
10 Jul	10	Quiet to unsettled.

2C. MAGNETIC COMMENT

Active conditions occurred between 11-14UT(local night).

3A. GLOBAL HF PROPAGATION SUMMARY

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
07 Jul	normal	normal	normal

PCA Event : None.

3B. GLOBAL HF PROPAGATION FORECAST

LATITUDE BAND

DATE	LOW	MIDDLE	HIGH
08 Jul	normal	normal	fair
09 Jul	normal	normal	fair
10 Jul	normal	normal	fair

3C. GLOBAL HF PROPAGATION COMMENT

NONE.

4A. AUSTRALIAN REGION IONOSPHERIC SUMMARY

MUFs at Sydney were about 10% above predicted monthly values

Observed T index for 07 July: 46

Predicted Monthly T Index for July is 30.

4B. AUSTRALIAN REGION IONOSPHERIC FORECAST

DATE	T-index	MUFs
08 Jul	40	About 10% above predicted monthly values.
09 Jul	40	About 10% above predicted monthly values.
10 Jul	35	Near predicted monthly values.

4C. AUSTRALIAN REGION COMMENT

None.

--

IPS Regional Warning Centre, Sydney
email: rwc@ips.oz.au fax: +61 2 4148331
RWC Duty Forecaster tel: +61 2 4148329
Recorded Message tel: +61 2 4148330

|IPS Radio and Space Services
|PO Box 5606
|West Chatswood NSW 2057
|AUSTRALIA

Date: 7 Jul 1994 17:25:22 -0700
From: nntp.crl.com!crl.crl.com!not-for-mail@decwrl.dec.com
Subject: Legal question
To: info-hams@ucsd.edu

Is it legal according to the FCC for a ham operator using a autopatch to dial up a digital pager and page another ham to turn on his radio by entering the radio freq. I am curious about this since I would love to take my HT to work and if my wife needed me (She's a ham too) page me on my digital pager to turn my HT on to the freq. she sends to me instead of a phone number. Thank you for taking your time to answer or even consider this posting. 73's N50VP -Steven
slhamon@crl.com

Date: Thu, 7 Jul 94 21:09:01 GMT
From: ihnp4.ucsd.edu!pacbell.com!amdahl!netcomsv!butch!enterprise!news@network.ucsd.edu
Subject: Let's be Careful Out There!
To: info-hams@ucsd.edu

In article <phb.773529169@melpar>, phb@syseng1.melpar.esys.com (Paul H. Bock) writes:

|> William=E.=Newkirk%Pubs%GenAv.Mlb@ns14.cca.CR.rockwell.COM writes:
|>
|> >>to some degree. What I really don't understand is 2 meter mobile gear, out of
|> >>the box, that transmit from 140 to 150 MHz (sometimes much wider). Receiving
|> >>is no problem. But transmitting? For one it is illegal to transmit outside of
|> >>the amateur band (with the exception of MARS and possibly another).
|>
|> >the assumption has been and still is that YOU operate the station. YOU know
|> >how to put the radio on the right frequencies and so on. This is a great
|> >honor we receive in these days of "users are stupid" design.
|>
|> It is also the very reason that amateurs are *required* to pass an
|> examination on theory and regulations. There is absolutely nothing that
|> is illegal about a piece of ham gear that tunes beyond the band edges,

<snip>

In fact, before the "digital era", it was impossible to design such a transmitter. The only reason that modern gear does not transmit "out of band" is that the computer controlling the transmitter is programmed to prevent the transmitter from keying when the frequency is not within

the desired band. The classic Swans, Hallicrafters, etc. did not have this feature and the amateur would have to engage brain and remember where the band edges were, the width of his transmitted signal, and when he last calibrated the analog dial. Frequency counters were few and far between in those days!

Some amateurs feel restricted by the band restrictions on modern, digitally controlled gear. My father has modified his IC751A for continuous coverage as it makes tuning up and down the bands much easier. He has no desire to operate out of band, and I think that after 30+ years of operation, he probably remembers where the edges are.

I have opened up the receive restriction on my IC W2A, but have left the transmit limits unmodified. My reasoning is that in the event of theft, I would not want the radio to be capable of mischief in the VHF public service allocations. It's all the hams need to have some idiot harassing the police misidentified as an amateur when he is caught. Unlike my father's situation, the tuning effort required to program the W2A does not change with the modification.

George Lyle, N7TNJ

Date: 7 Jul 1994 20:34:19 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!gatech!newsxfer.itd.umich.edu!
isclient.merit.edu!msuinfo!netnews.upenn.edu!eniach.seas.upenn.edu!
depolo@network.ucsd.edu
Subject: More Humorous Field Days
To: info-hams@ucsd.edu

* Heard N30JS during field day signing "N30J Simpson".

* 80 meter op spent most of the night frantically steering the 10/15/20 meter antenna/rotor before realizing 80m wire dipoles don't use rotors

* N3KZ somehow became "N3 Killer Turkey" around 4AM, before op was clued in that "Turkey" doesn't begin with Z

--

Jeff DePolo WN3A Twisted Pair: (215) 337-7383H 387-3059W
depolo@eniach.seas.upenn.edu RF: 443.800+ MHz 442.400+ MHz 24.150 GHz
Claim to Fame: I got the first speeding ticket on the information superhighway

Date: Thu, 7 Jul 94 17:35:08 GMT

From: ihnp4.ucsd.edu!swrinde!pipex!ibmpcug!ibmpcug!rcp!scott@network.ucsd.edu
Subject: QSL addresses - please help
To: info-hams@ucsd.edu

Hi people, this might sound like a silly request, but a little while ago I bought the International Callbook, in order to be able to send QSL cards direct. When I got it I realised that my idea of international (all nations) was not the same as their definition (all nations except North America - PLEASE NOTE that that is not just all nations except the USA).

I can look up U.S. (and Canadian, for some reason) callsigns using the callsign server at buffalo.edu (or something like that), and I can look up European, Asian, South American, African and Oceanian callsigns in the International Callbook.

This is very useful, and so far has served about 99% of my needs.

Could anyone tell me the addresses for the following stations?

6Y5GR
FM5GN
FG5BG
HT1T
and C01RG

Thank you very much for any help,

73 de Scott

--

```
=====
| Scott Earle,          | Internet   : scott@rcp.co.uk       |
| Senior Software Engineer, | AMPRnet    : g0swg@g0swg.ampr.org  |
| RCP Ltd,              | NTS BBS    : G0SWG@GB7AVM         |
| Dales,                |            |
| High Street,          |            |
| Didcot, Oxon. OX11 8EQ |            |
=====
```

Date: 7 Jul 1994 02:10:52 -0400
From: ihnp4.ucsd.edu!swrinde!howland.reston.ans.net!europa.eng.gtefsd.com!
newsxfer.itd.umich.edu!ncar!csn!jabba.cybernetics.net!not-for-

mail@network.ucsd.edu
Subject: RF Feedback into Microphone.
To: info-hams@ucsd.edu

In article <2vdjjr\$19u@news.tamu.edu>,
Chris Schmidt <cschmidt@diralect.me.pvamu.edu> wrote:
> Hey Guys, you all know alot about RF and Radio stuff. I am kinda
>new at this but I have learned a few things. However I don't know how to
>make RF filters.

Is this a CBer?

>
> I have an RCI 2950 transciever with a Texas Star DX 667V amplifier
>and a truck stop Special antenna(1/2 wave Base Loaded with about 3.5 ft whip
>on Magnet-Mount base.

I don't recognise this brand of HAM equipment...is this a KW amp
for CB rig?

> ...Any how I have a problem When I am talking on either
>AM or SSB.

Admittedly, there are a few hams around who still use AM, but this sounds
like the CB band to me.

> ... When keyed up, If I touch the mike to my face or mouth while
>talking it squeals...

Depending on how much power you are running, you might be buring your
brain (that's a serious comment)...because, depending on the power
of your (? illegal ?) amp, you may be sitting in quite a strong RF
field....based on your description.

>
> Any help would be very apreciated. I miss talking DX and local
>without the squeal. Please help me if you can. I check this rec. at
>least once a day... Well, thanx in advance.

I suggest the following:

- 1) if you are running an illegal CB amp, trash it.
- 2) if you are a legal amateur and having this problem,
don't run the amp until you can find another local ham to
help your diagnose why you are getting so much RF back into
your shack...for your health's sake.

>
>Chris <== amateur callsign ???
>Houston Tx.
>

Steve AB4EL ab4el@Cybernetics.NET

Date: Thu, 7 Jul 1994 20:09:18 GMT
From: news.Hawaii.Edu!kahuna!jeffrey@ames.arpa
To: info-hams@ucsd.edu

References <ZcP6kiubGcgV066yn@access.digex.net>,
<2vejqq\$kkv@search01.news.aol.com>, <Ey\$6kiubGQb9066yn@access.digex.net>
Subject : Re: Does CW as a pre-req REALLY Work?

In article <Ey\$6kiubGQb9066yn@access.digex.net> domonkos@access.digex.net (Andy Domonkos) writes:

>
>The previous volunteer examiner policy was plagued w/fraud; too many hams
>brought their 'buddies' in by vouching for their CW certificates (back
>in the days when an Advanced could administer the General exam, etc). This
>'back door' approach may have led to the many lids out there now.

That's why the entire VE system should be thrown out. Witness the current scam in L.A. We need an authoritative body to administer the exams. After all, do we as drivers administer driving exams? Do those who are aircraft pilots administer pilot license exams?

>CW lids, they are there, but rare. Nothing a 250Hz filter can't handle!

Very, very rare.

The fact that we see Generals, Advanced, and Extras breaking laws on HF show that CW is not a lid-filter; in fact that shows that *anyone* can learn CW!! But those who devote most of their on-the-air time to CW rarely are the lawbreakers. As I've said on here for the last couple of years I've never read in the pages of QST of a CW op receiving a NAL from the FCC.

Jeff NH6IL

Date: (null)
From: (null)

Date: Thu, 7 Jul 1994 23:04:55 GMT
From: ihnp4.ucsd.edu!swrinde!gatech!newsxfer.itd.umich.edu!zip.eecs.umich.edu!
yeshua.marcam.com!charnel.ecst.csuchico.edu!csusac.ecs.csus.edu!csus.edu!
netcom.com!slay@network.ucsd.edu
To: info-hams@ucsd.edu

References <CsIs06.6FFr@austin.ibm.com>,
<jgreenberg-0607941351370001@osprey.srl.ford.com>, <jmyersCsJzny.GEG@netcom.com>ha
Subject : Re: Buying in the Far East

John R. Myers (jmyers@netcom.com) wrote:

: : Tokyo? Bargains? Surely you're joking Mr. Adams. I was in Tokyo last Sept
: : (when the dollar was hanging at about 102 yen) and found nothing that
: : could not be had for a good bit less in New York.

: Just a reminder that when you do your price comparisons you can subtract
: the domestic excise tax. At the larger shops you just show your passport
: and they will discount your purchase on the spot.

Good point - the shohizei or "consumption" (sales) tax is 3%. However,
if you bitch and moan enough, many shops won't bother hassling with you
about it.

In Akihabara (Tokyo) - I suggest the following stores:

T-Zone (they do carry some "export" models)
Ham Geppan
Rocket

Also - be forewarned that Akihabara is famous for being a "Mecca" of sorts
for people seeking virtually any kind of electronic goodies. It is NOT
known as being the place to go for the best prices. There are other
places to go outside of Tokyo proper (if you have the time) where prices
are a bit lower. Some of the larger shops in Akihabara that sell
ham gear also have stores in other parts of the country and in the
the suburbs of metropolitan Tokyo.

Be aware that it is now extremely difficult to buy an "export" model
of VHF gear. The JAs are limited to 144-146MHz on 2M; a few years ago
a "J" mark was added to most HTs to indicate that they could NOT be
reprogrammed for 144-148MHz.

A few other comments about buying Ham gear in Japan:

- 1) HF rigs come in several power "flavors" to match license classes in Japan.
If you buy an HF rig there, make sure you get the power rating you want

(10, 25, 50, 100 watts, etc.).

Make sure that the HF rig has the ability to transmit on all bands available in your home country (e.g. JAs get only 7000-7100 KHz).

- 2) No 220MHz rigs in Japan (those freqs are used for broadcast television).
- 3) 70cm "domestic" rigs operate only 430-440MHz (not 440-450 like in USA).
ALL 70 cm repeaters in Japan are "required" to use the mandatory 88Hz sub-audible access tone.
- 4) As mentioned above, 2M JA equipment is good only for 144-146MHz.
Since there are no repeaters authorized on 2M in Japan, be careful that any rig you buy is useable in your home country.

Cheers de Sandy
WA6BXH/7J1ABV
slay@netcom.com

End of Info-Hams Digest V94 #760
